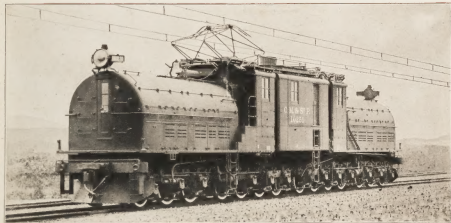


White Coal for Power



WORLD'S MIGHTIEST LOCOMOTIVE—COMPLETED IN 1920

Total Weight	261 tons	Horse Power	3380	Height from Rail to Top of	16 ft., 8 in.
Motors	12	Speed	65 M.P.H.	Locked Pantograph	3,000 D.C.
Diameter of Driving Wheels	44 inches	Length Over All	76 feet	Voltage of Trolley	

The World's Longest Electric Railroad runs through the Belt, Rocky, Bitter Root, and Cascade Mountains, overcoming a maximum elevation of 6,322 feet. 649 miles are now under electric operation.

61 electric locomotives are now performing the work of 162 steam engines at an annual saving of approximately 300,000 tons of coal and 40,000,000 gallons of fuel oil. A 3,200-ton train is hauled through this mountainous section with comparative ease.

Electricity in 100,000 volt alternating current received from hydro-electric plants and transmitted to twenty-two sub-stations which change the current from alternating to direct, conducting it to the trolley lines for these Monarchs of the Rails.

On down grades, by means of Regenerative Braking, the motors of each locomotive while serving as dynamos also act as a brake and are actually producing instead of consuming electricity. From 25 to 42 per cent of power is recovered.

Two famous trains, the OLYMPIAN and COLUMBIAN, operating between Chicago and Seattle and Tacoma, are hauled over the mountains by electric locomotives using "white coal" for fuel.

Chicago, Milwaukee & St. Paul Railway

"Puget Sound Electric Route"

CORRECTED TO AUGUST 1, 1920

The Chicago Milwaukee & St. Paul Railway



Complete Time Tables

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